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## AAE Systems, Inc. Announces New Product Release

### *Vehicular Disaster Response Communications Systems*

**Sunnyvale, CA (27 February 2007)** – AAE Systems, Inc. (AAE), a satellite equipment manufacturer and turnkey solutions provider, has designed and produced a line of disaster response vehicles equipped with advanced integrated communication facilities, designed to provide a full featured communications platform for first responders at the disaster scene. The vehicles also incorporate advanced satellite access technology via the acclaimed Eclipse MF-TDMA DAMA product line.

Each vehicle is an autonomous comprehensive communications suite in a single cohesive and fully integrated mobile package, allowing full access to all subsystems via the satellite link.

Connectivity is quickly established on site through the integration of an auto-acquisition antenna and an Eclipse satellite router with each vehicle. The bandwidth on demand Eclipse DAMA modem creates a network gateway supporting various forms of communication inter-connectivity, ideally suited for any disaster response task.

A broad variety of primary communications systems and subsystems are supported on each vehicle to include a WiFi access point supporting WiFi phones, IP-PBX, IP-based video surveillance camera systems, IP-video conferencing subsystem, messaging subsystem, and data and voice connectivity.



Complementing the primary communications elements are a number of mission specific and auxiliary communications subsystems, extending the reach of the gateway to a number of on-the-ground and airborne support elements at the scene. Mission specific communication systems include a GSM microcell, VHF/UHF land mobile radio, HF radio, and a UHF/VHF ground-to-air air-to-ground radio system. The mission specific systems are integrated via a radio-telephone interoperability platform supporting interconnectivity between these subsystems and extending remote connectivity via the satellite link to the main operations center. The total integration of the various systems to the satellite system enables the extension of voice, video, and data access between the various communications platforms.



Optional disaster response and rescue subsystems include lightweight reconnaissance UAV with remote controlled PTZ camera and two (2) mile range. Operating on quiet, rechargeable battery power on a GPS



controlled path, the UAV sends back live video, which may be uplinked via satellite. The UAV permits day and night observation of areas not accessible by vehicle or foot.

The through-wall imaging system for rescue operations provides low power 3D imaging through cement, concrete, brick, wood, and other building materials. Image data may be transmitted via satellite to a central operations center.

The vehicles include integrated power and cooling systems to include commercial or generator power hookup to ensure the stability of the communications system.

AAE has designed and deployed a number of specialized satellite communications platforms designed to meet the unique needs of our customers. In addition to manufacturing trailerized and vehicle-mounted satellite terminals, AAE has also designed and provided a variety of fixed, flyaway and transportable terminals, offshore oil drilling platforms, and shipboard stabilized platforms.

**About AAE Systems, Inc.**

AAE Systems, Inc., founded in 1984, is an experienced global systems integration and product design and manufacturing company focused on satellite communications. Located in the heart of Silicon Valley, AAE's equipment and services are used in the Middle East, Africa, Asia, and Europe by customers in industries including petrochemicals, military, aeronautics, governments, and telecom gateway service providers. AAE is recognized for their excellence in the timely delivery of custom, complex, mission critical solutions that incorporate a range of competencies in the wireless, satellite and terrestrial telecommunications specialties.

AAE Systems, Inc. is headquartered in Sunnyvale, CA. For more information, please visit [www.aesys.com](http://www.aesys.com).